

FIG. 1A

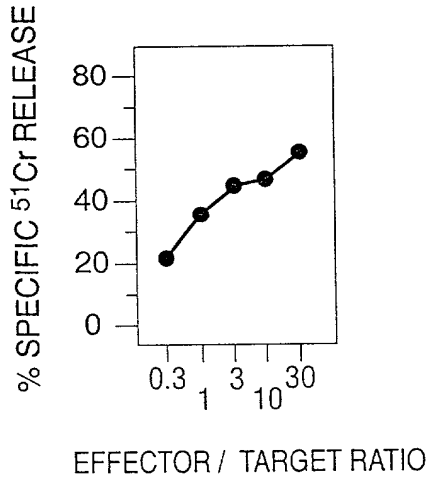


FIG. 1B

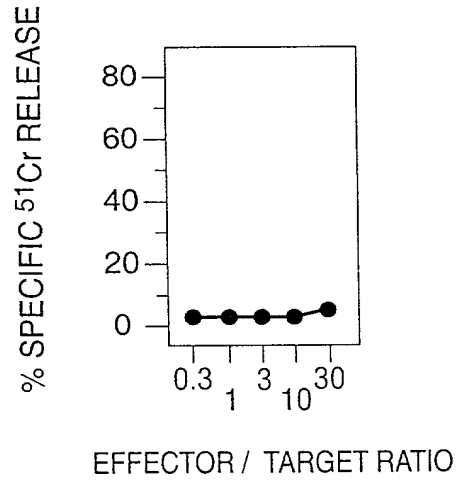


FIG. 1C

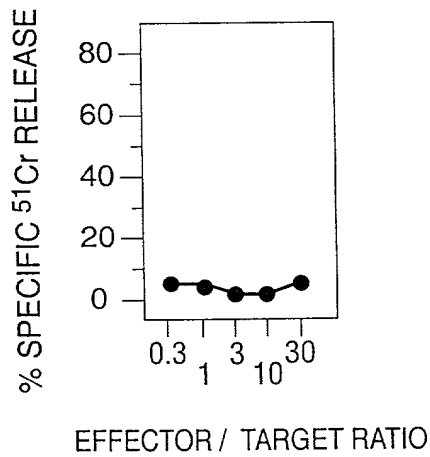


FIG. 1D

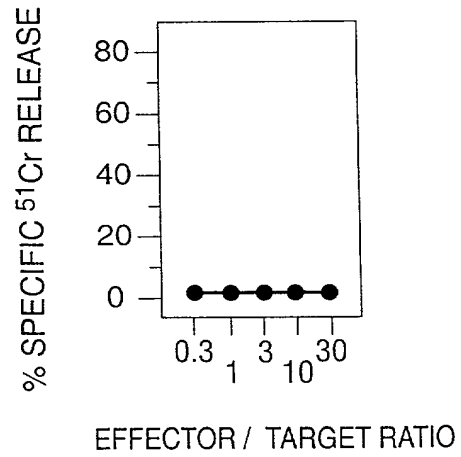
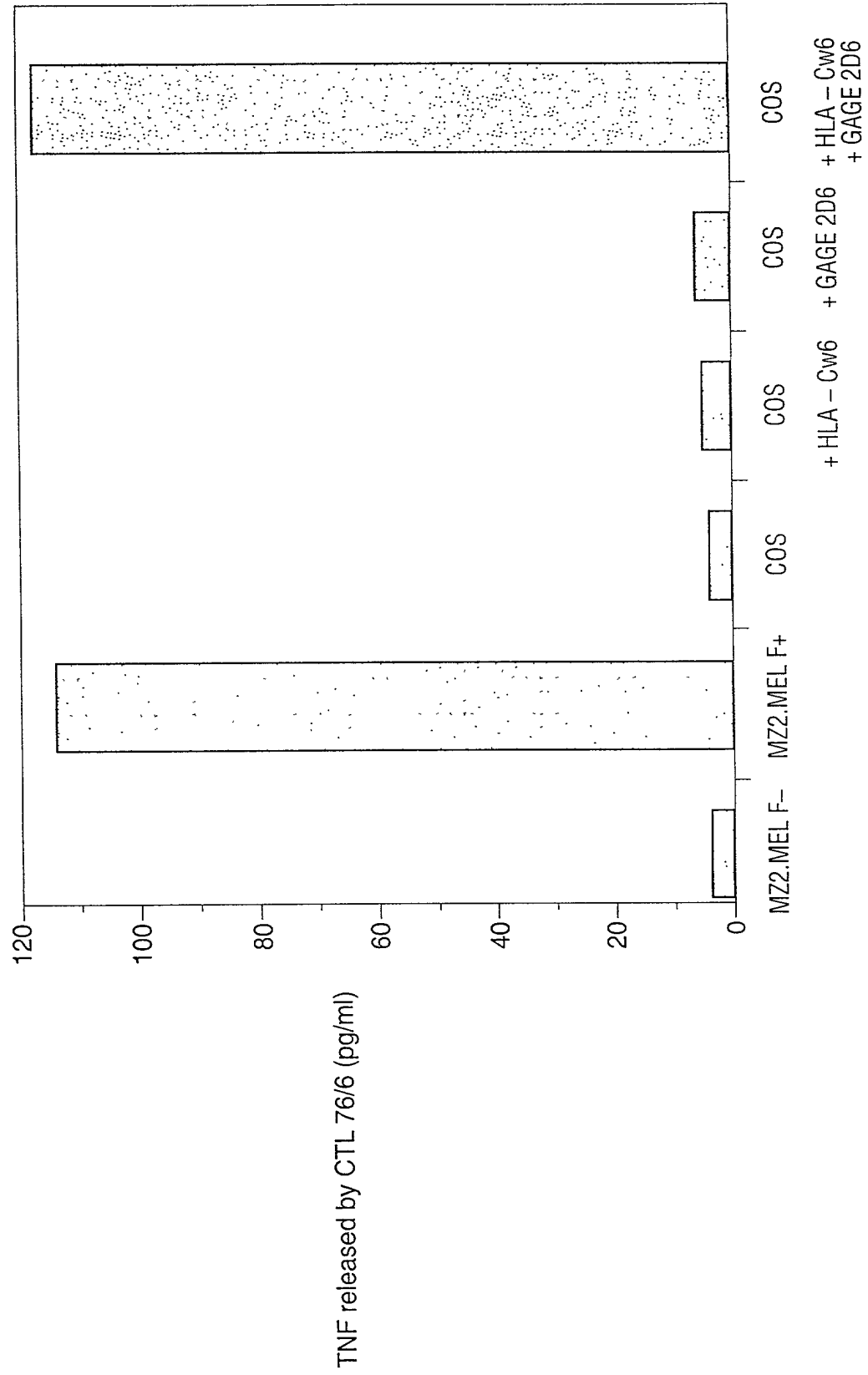


FIG. 2



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FIG.3

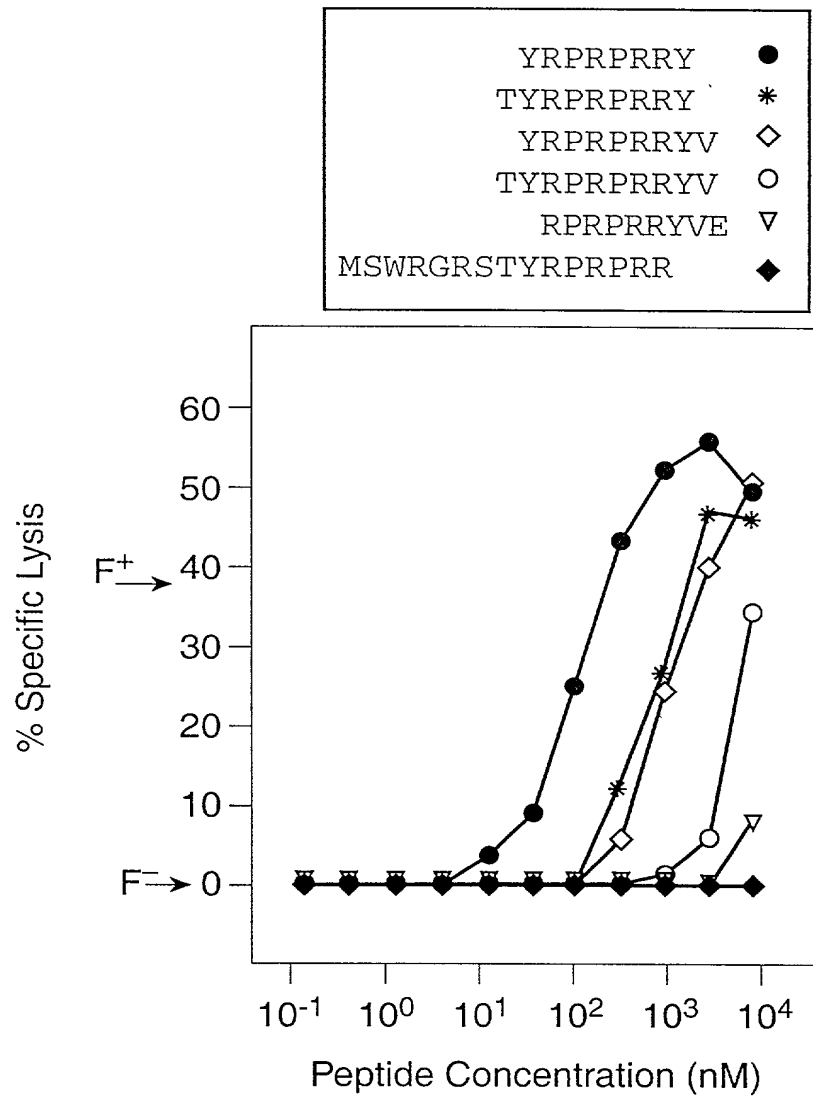


FIG. 4A

GAGE-1 -----CTGCGG TCCGGACTCTTTTTCCTCTACTGAGATTCA
 GAGE-2 -----ACGCCAGGGAG CTGTGAGGCAGTGTGTGTTCCCTGCGG TCCGGACTCTTTTTCCTCTACTGAGATTCA
 GAGE-3 AAGATCGACCTATTATTGGTCTAGGCCAAT AATAGTCTGATCTTCCTGCGCAACTCATAT
 GAGE-4 CTGTGAGGCAGTGTGTGTTCCCTGCGG TCCGGACTCTTTTTCCTCTACTGAGATTCA
 GAGE-5 -----AG CTGTGAGGCAGTGTGTGTTCCCTGCGG TCCGGACTCTTTTTCCTCTACTGAGATTCA
 GAGE-6 -----GCCAGGGAG CTGTGAGGCAGTGTGTGTTCCCTGCGG TCCGGACTCTTTTTCCTCTACTGAGATTCA

VDE 44

GAGE-1 TCTGTGTGAAATATGAGTTGGGAGGAAAGA TCGACG ---TATCGGCCTAGACCAAGACGCG TACGTAGAGCCTCCTGAAATGATTGGGCCT 1
 GAGE-2 TCTGTGTGAAATATGAGTTGGGAGGAAAGA TCGACG ---TATCGGCCTAGACCAAGACGCG TACGTAGAGCCTCCTGAAATGATTGGGCCT 1
 GAGE-3 TTCACACAGCTGAATCTCAGTAGAGGAAAGA TCGACG TATTATTGGCCTAGACCAAGGCGC TATGTACAGCCTCCTGAAATGATTGGGCCT 1
 GAGE-4 TCTGTGTGAAATATGAGTTGGGAGGAAAGA TCGACG TATTATTGGCCTAGACCAAGGCGC TATGTACAGCCTCCTGAAATGATTGGGCCT 1
 GAGE-5 TCTGTGTGAAATATGAGTTGGGAGGAAAGA TCGACG TATTATTGGCCTAGACCAAGGCGC TATGTACAGCCTCCTGAAATGATTGGGCCT 1
 GAGE-6 TCTGTGTGAAATATGAGTTGGGAGGAAAGA TCGACG TATTATTGGCCTAGACCAAGGCGC TATGTACAGCCTCCTGAAATGATTGGGCCT 1

VDE 43

GAGE-1 ATGCGGCCCCGAGCAGTTTCAGTGATGAAAGTG GAACCCAGCAACACCTGAAGAGGGGAACCA GCAACTCAACGTCAGGATCCTGCAGCTGCT 2
 GAGE-2 ATGCGGCCCCGAGCAGTTTCAGTGATGAAAGTG GAACCCAGCAACACCTGAAGAGGGGAACCA GCAACTCAACGTCAGGATCCTGCAGCTGCT 2
 GAGE-3 ATGCGGCCCCGAGCAGTTTCAGTGATGAAAGTG GAACCCAGCAACACCTGAAGAGGGGAACCA GCAACTCAACGTCAGGATCCTGCAGCTGCT 2
 GAGE-4 ATGCGGCCCCGAGCAGTTTCAGTGATGAAAGTG GAACCCAGCAACACCTGAAGAGGGGAACCA GCAACTCAACGTCAGGATCCTGCAGCTGCT 2
 GAGE-5 ATGCGGCCCCGAGCAGTTTCAGTGATGAAAGTG GAACCCAGCAACACCTGAAGAGGGGAACCA GCAACTCAACGTCAGGATCCTGCAGCTGCT 2
 GAGE-6 ATGCGGCCCCGAGCAGTTTCAGTGATGAAAGTG GAACCCAGCAACACCTGAAGAGGGGAACCA GCAACTCAACGTCAGGATCCTGCAGCTGCT 2

GAGE-1 CAGGAGGGAGAGGATGAGGGAGCATCTGCA GGTC AAGGGCCGAAAGCCTGAAGCTCATAGC CAGGAACAGGGTCACCCACAGACTGGGTGT 3
 GAGE-2 CAGGAGGGAGAGGATGAGGGAGCATCTGCA GGTC AAGGGCCGAAAGCCTGAAGCTCATAGC CAGGAACAGGGTCACCCACAGACTGGGTGT 3
 GAGE-3 CAGGAGGGAGAGGATGAGGGAGCATCTGCA GGTC AAGGGCCGAAAGCCTGAAGCTCATAGC CAGGAACAGGGTCACCCACAGACTGGGTGT 3
 GAGE-4 CAGGAGGGAGAGGATGAGGGAGCATCTGCA GGTC AAGGGCCGAAAGCCTGAAGCTCATAGC CAGGAACAGGGTCACCCACAGACTGGGTGT 3
 GAGE-5 CAGGAGGGAGAGGATGAGGGAGCATCTGCA GGTC AAGGGCCGAAAGCCTGAAGCTCATAGC CAGGAACAGGGTCACCCACAGACTGGGTGT 3
 GAGE-6 CAGGAGGGAGAGGATGAGGGAGCATCTGCA GGTC AAGGGCCGAAAGCCTGAAGCTCATAGC CAGGAACAGGGTCACCCACAGACTGGGTGT 3

FIG. 4B

VDE 24

GAGE-1	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	ACGCCCTGAAGAAG	GAGATGAGGTCTCACTAT	3
GAGE-2	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	ACGCCCTGAAGAAG	-----	4
GAGE-3	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	ACGCCCTGAAGAAG	-----	4
GAGE-4	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	ACGCCCTGAAGAAG	-----	4
GAGE-5	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	ACGCCCTGAAGAAG	-----	4
GAGE-6	GAGTGTGAAGATGGTCTCTGATGGGCAGGAG	ATGGACCCGCCAAATCCAGAGGAGGTGAAA	ACGCCCTGAAGAAG	-----	4
GAGE-1	GTGCCCCAGACTGGGATTCCTCTGGCTTTTA	ATGAACAATTTGCTTCTTAAATCTTTCCCCA	CGGAAACCCTTGAGTGAAGTAAATATCAAAAT	-----	4
GAGE-2	-----	-----	-----	-----	4
GAGE-3	-----	-----	-----	-----	4
GAGE-4	-----	-----	-----	-----	4
GAGE-5	-----	-----	-----	-----	4
GAGE-6	-----	-----	-----	-----	4
GAGE-1	GGCGAGAGACCGTTTAGTTCCCTATCATCTG	TGGCATGTGAAGGCAATCACAGTGTAAA	AGAAGACATGCTGAAAATG	TGCAGGGCTGCT	5
GAGE-2	-----	-----	-----	-----	4
GAGE-3	-----	-----	-----	-----	4
GAGE-4	-----	-----	-----	-----	4
GAGE-5	-----	-----	-----	-----	4
GAGE-6	-----	-----	-----	-----	4
GAGE-1	CCTATGTTGGAAAATTCTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	6
GAGE-2	CCTATGTTGGAAAATTCTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	5
GAGE-3	CCTATGTTGGAAAATTCTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	5
GAGE-4	CCTATGTTGGAAAATTCTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	5
GAGE-5	CCTATGTTGGAAAATTCTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	5
GAGE-6	CCTATGTTGGAAAATTCTTCATTGAAGTTC	TCCCAATAAAGCTTTACAGCCTTCTGCAAA	GAAAAA	-----	5

FIG. 5

Antigenic
Peptide

GAGE-1	MS-WRGRST-YRPRRRYVEPPMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-2	MS-WRGRST-YRPRRRYVEPPMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-3	MNLSRCKSTYYWPRRRYVQPPVI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-4	MS-WRGRSTYYWPRRRYVQPPMI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-5	MS-WRGRSTYYWPRRRYVQPPVI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-6	MS-WRGRSTYYWPRRRYVQPPVI	GPMRPEQFSDEVEPATPEEGEPATQ	RQDPAAAQEGEGEDGASAGQGPKPEA	7
GAGE-1	DSQEQGHPQTGCECEDGPDQEMDP	PNPEEVKTPEEEMRSHYVAQTGILW	LLMNNCFLMLSPRKP	13
GAGE-2	HSQEQGHPQTGCECEDGPDQEMDP	PNPEEVKTPEE	GEKQSQ	11
GAGE-3	DSQEQGHPQTGCECEDGPDQEMDP	PNPEEVKTPEE	GEKQSQ	11
GAGE-4	DSQEQGHPQTGCECEDGPDQEMDP	PNPEEVKTPEE	GEKQSQ	11
GAGE-5	DSQEQGHPQTGCECEDGPDQEMDP	PNPEEVKTPEE	GEKQSQ	11
GAGE-6	DSQEQGHPQTGCECEDGPDQEMDP	PNPEEVKTPEE	GEKQSQ	11

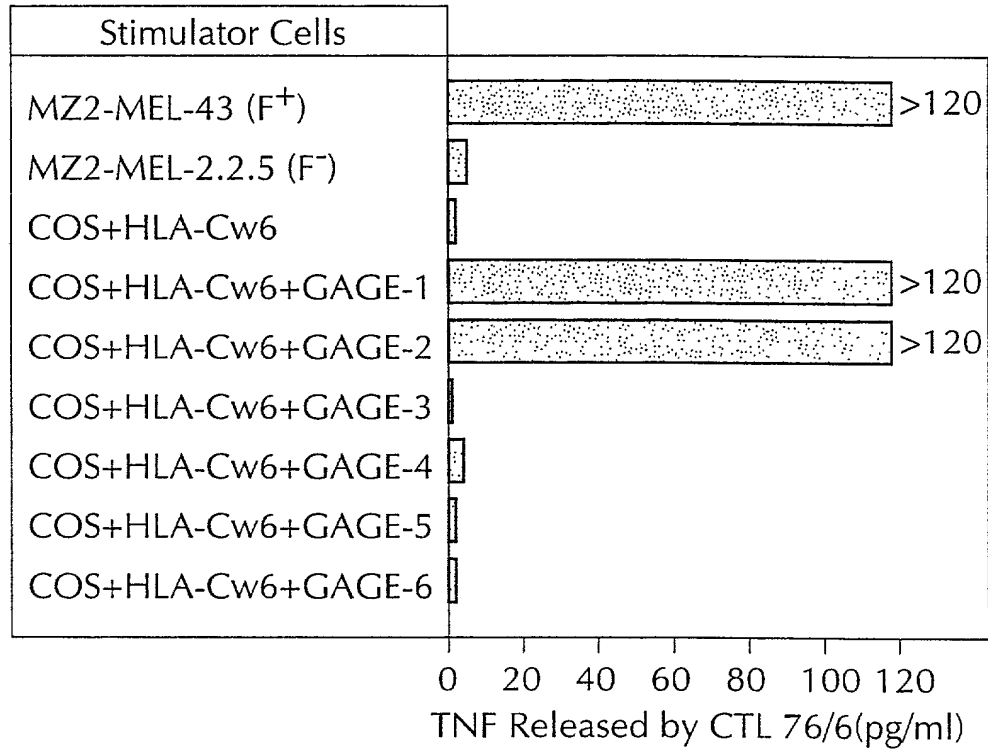
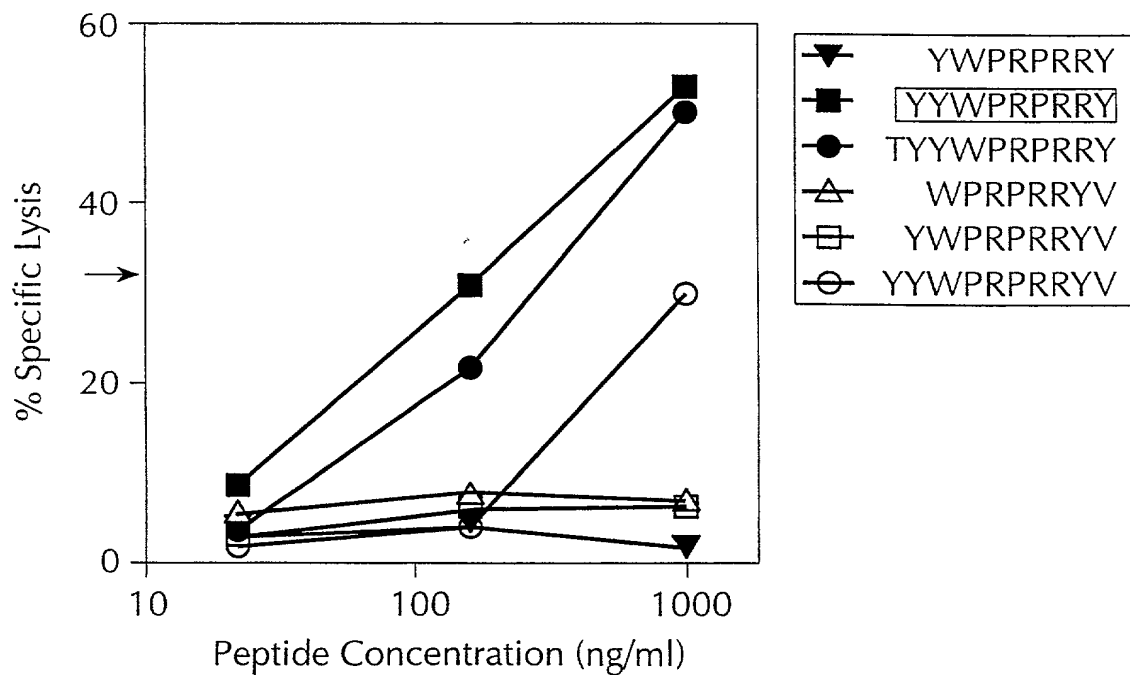
FIG. 6**FIG. 8**

FIG. 7

